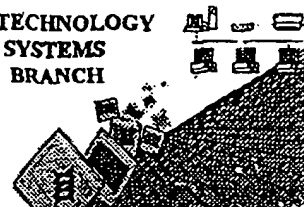




BIOTECHNOLOGY  
SYSTEMS  
BRANCH



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10743, 891

Source:

IFWO

Date Processed by STIC:

11/2/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT

MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,  
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,  
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

## RAW SEQUENCE LISTING

DATE: 01/12/2004

PATENT APPLICATION: US/10/743,891

TIME: 12:09:26

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\01092004\J743891.raw

4 <110> APPLICANT: Duvick, Jonathan P.  
 5 Gilliam, Jacob T.  
 6 Maddox, Joyce R.  
 7 Rao, Aragula Gururaj  
 8 Crasta, Oswald R.  
 9 Folkerts, Otto  
 11 <120> TITLE OF INVENTION: Amino Polyol Amine Oxidase  
 12 Polynucleotides and Related Polypeptides and Methods of Use  
 15 <130> FILE REFERENCE: 1134D  
 C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/743,891  
 C--> 17 <141> CURRENT FILING DATE: 2003-12-22  
 17 <150> PRIOR APPLICATION NUMBER: US 60/092,936  
 18 <151> PRIOR FILING DATE: 1998-07-25  
 20 <150> PRIOR APPLICATION NUMBER: US 60/135,391  
 21 <151> PRIOR FILING DATE: 1999-05-21  
 23 <150> PRIOR APPLICATION NUMBER: US 09/352,159  
 24 <151> PRIOR FILING DATE: 1999-07-12  
 26 <150> PRIOR APPLICATION NUMBER: US 09/352,168  
 27 <151> PRIOR FILING DATE: 1999-07-12  
 29 <150> PRIOR APPLICATION NUMBER: US 09/658,835  
 30 <151> PRIOR FILING DATE: 2000-09-08  
 E--> 32 <160> NUMBER OF SEQ ID NOS: (53) - 55 shown  
 34 <170> SOFTWARE: FastSEQ for Windows Version 3.0

Does Not Comply  
 Corrected Diskette Needed  
 (Pg. 1-5)

## ERRORED SEQUENCES

5385 <210> SEQ ID NO: 55  
 5386 <211> LENGTH: 11  
 5387 <212> TYPE: PRT  
 5388 <213> ORGANISM: Exophilal spinifera  
 5390 <400> SEQUENCE: 55  
 5392 Asp Val Val Val Val Gly Ala Gly Leu Ser Gly  
 5393 1 5 10  
 E--> 5398 (109)

delete

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/743,891

DATE: 01/12/2004  
TIME: 12:09:27

Input Set : A:\PTO.FG.txt

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Use of <220> Feature(NEW RULES): **ERROR Explanation:**  
Sequence(s) are missing the <220> Feature and associated headings.  
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"  
or "Unknown". Please explain source of genetic material in <220> to <223>  
section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)  
(Sec.1.823 of new Rules)

Seq#:18,19,20,21,24,25,26,27,28,29,30,31,33  
— — — — — — — —

<210> 25  
 <211> 1000  
 <212> PRT  
 <213> Unknown

<220>  
 <221> SIGNAL  
 <222> (1)...(24)  
 <400> 25

← L2237 Mandatory  
 IF (213) Response is  
 Artificial/Unknown.  
 Please see error  
 explanation on page  
2.

↑  
 The type of errors shown exist throughout  
 the Sequence Listing. Please check subsequent  
sequences for similar errors.

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/743,891

DATE: 01/12/2004

TIME: 12:09:27

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\01092004\J743891.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application No  
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:300  
L:294 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:297 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:562 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:808 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16  
L:1043 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1046 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18  
L:1050 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18  
L:1054 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18  
L:1058 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18  
L:1241 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:19, <213>  
ORGANISM:Unknown  
L:1241 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:19, <213>  
ORGANISM:Unknown  
L:1241 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:19,Line#:1241  
L:1341 M:259 W: Allowed number of lines exceeded, <223> Other Information:  
L:1342 M:259 W: Allowed number of lines exceeded, <223> Other Information:  
L:1345 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1349 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20  
L:1353 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20  
L:1356 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20  
L:1360 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20  
L:1496 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:21, <213>  
ORGANISM:Unknown  
L:1496 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:21,Line#:1496  
L:1817 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1821 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24  
L:1825 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24  
L:1829 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24  
L:1833 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24  
L:1836 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24  
L:1840 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24  
L:2104 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:25, <213>  
ORGANISM:Unknown  
L:2104 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:25,Line#:2104  
L:2243 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2247 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26  
L:2251 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26  
L:2255 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26  
L:2259 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26  
L:2262 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26  
L:2266 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26  
L:2527 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:27, <213>  
ORGANISM:Unknown  
L:2527 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:27,Line#:2527  
L:2665 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2668 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:2672 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:2676 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:2680 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:2684 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/743,891

DATE: 01/12/2004

TIME: 12:09:27

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\01092004\J743891.raw

L:2688 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:2999 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:29, <213>  
ORGANISM:Unknown  
L:2999 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:29, <213>  
ORGANISM:Unknown  
L:2999 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:29, Line#:2999  
L:3163 M:259 W: Allowed number of lines exceeded, <223> Other Information:  
L:3164 M:259 W: Allowed number of lines exceeded, <223> Other Information:  
L:3167 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:3171 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
L:3175 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
L:3179 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
L:3183 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
L:3186 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
L:3190 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
L:3497 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:31, <213>  
ORGANISM:Unknown  
L:3497 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:31, <213>  
ORGANISM:Unknown  
L:4196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:600  
L:4257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:208  
L:5398 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:55  
L:32 M:203 E: No. of Seq. differs, <160> Number Of Sequences: Input (53) Counted (55)